

**AMENDMENTS TO THE ABSTRACT:**

Please replace the paragraph (Abstract) beginning at page 26, line 1 with the following rewritten version:

A ~~The present invention relates to a temperature control device, and has an object to accurately control temperatures of microorganisms or cells when for example applied to culture and so on of the microorganisms or cells, for example. The temperature control device includes a plurality of eell-parts (2) cassettes holding microorganisms or cells, a heater [(1)], and a cooling unit [(7)]. The heater (4) is provided around the eell-parts (2) cassettes to heat the eell-parts (2) cassettes. The cooling unit [(7)] includes a cooling fan [(71)], a cooling fin [(72)], an aluminum conduction block [(73)], a Peltier element [(74)], a radiating fin [(75)], and a radiating fan [(76)]. Air (701) is supplied to the cooling fin [(72)] via the cooling fan [(71)]. The air (701) is cooled in the cooling fin [(72)] because heat is moved from the air (701) to the cooling fin [(72)]. Air (702) having been cooled is sent to the eell-parts (2) cassettes to cool the eell-parts (2) cassettes. Temperatures inside the eell-parts cassettes are controlled by controlling operations of the heater [(1)] and the cooling unit [(7)].~~